

CHEMICAL VAPOR DEPOSITION METHODS FOR MAKING POWDERS AND COATINGS, AND COATINGS MADE USING THESE METHODS



Abstract of the Disclosure

Flame produced vapors for combustion chemical vapor deposition are redirected from the direction of the flame by differential atmospheric pressure, such as positive pressure provided by a blower or negative pressure provided by a vacuum. This allows, for example, lower surface temperatures of substrates being coated with flame-produced vapors and coating of interior surfaces.